



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS M450 (Intel Core 2 Duo processor E6600)

SPECint2000 = **2586**
SPECint_base2000 = **2575**

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Aug-2006 Hardware Avail: Aug-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	93.4	1499	93.5	1497	
175.vpr	1400	74.3	1885	72.7	1925	
176.gcc	1100	37.6	2926	37.6	2926	
181.mcf	1800	42.9	4198	42.8	4204	
186.crafty	1000	45.6	2193	45.0	2220	
197.parser	1800	89.8	2006	89.5	2012	
252.eon	1300	41.4	3143	41.3	3144	
253.perlbmk	1800	59.8	3013	59.7	3013	
254.gap	1100	43.9	2507	43.1	2550	
255.vortex	1900	43.5	4371	43.4	4374	
256.bzip2	1500	77.1	1945	77.3	1940	
300.twolf	3000	109	2756	109	2757	

Hardware

CPU: Intel Core 2 Duo processor E6600
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x 1GB PC2-5300 5-5-5 2Rank SDRAM
 Disk Subsystem: 1 x 160GB SATA 7200 RPM
 Other Hardware: None

Software

Operating System: Windows XP Professional, Service Pack 2
 Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.1,
 - Build 20060519Z Package ID: W_CC_P_9.1.025
 Microsoft Visual Studio .NET 2003 (for libraries)
 MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
 File System: FAT32
 System State: Default

Notes/Tuning Information

Portability flags:

176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Feedback optimization:

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:

for C programs:
 -fast +FDO shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO

Peak Tuning Flags:

164.gzip: -fast +FDO
 175.vpr: -fast +FDO
 176.gcc: basepeak=yes
 181.mcf: -fast +FDO shlW32M.lib



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Notes/Tuning Information (Continued)

186.crafty: -fast +FDO
197.parser: -fast +FDO
252.eon: -fast -Qcxx_features +FDO
253.perlbnk: -fast +FDO shlw32M.lib
254.gap: -fast +FDO
255.vortex: -fast +FDO shlw32M.lib
256.bzip2: -fast +FDO
300.twolf: -fast +FDO shlw32M.lib

Extra Libraries:

shlw32M.lib = Microquill SmartHeap Library 8
see www.microquill.com

The system bus runs at 1066 MHz

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